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NOTES:

Inventors: Valeriy Sukharev et al.

For: Copper-Low-K Dual Damascene
Interconect with Improved Reliability

Art Unit: 2815

Serial No.: 10/615,042 Filed: July 8, 2003 Attorney Ref.: 03-0509



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AUG 1 5 2006

August 15, 2006.

Case No.03-0509

FORM PTO-1083

In re application of:

Valeriy Sukharev et al.

Serial No.:

10/615,042

Filed:

July 8, 2003

Art Unit:

2815

For:

COPPER-LOW-K DUAL DAMASCENE

RELIABILITY

INTERCONNECT WITH IMPROVED

MAIL STOP: RESPONSE COMMISSIONER FOR PATENTS

P.Q. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed June 16, 2006.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(CoL 3)
:	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra
TOTAL	• 7	MINUS	** 20	0
INDEP.	* 3	MINUS	** 4	0
☐ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

- 1		
	Rate	Addit. Poo
	x 9 =	\$.00
	x 42 =	\$.00
	+ 130 =	\$.00
A	TOTAL DDIT. FEB	\$.00

SMALL ENTITY

_	LAKUB	ENTITY
	Rate	Addit. Fee
	x 18 =	\$.00
	x 84 =	\$.00
	+ 260 =	\$.00
_	TOTAL	\$.00

OR

T ADOR BATTETY

If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

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	filing fee. A duplicate copy of this sheet is enclosed.	
~		

A check in the amount of_ _____ to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-2252.

 \boxtimes Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.

 \boxtimes Any patent application processing fees under 37 CFR 1.17

Dated: August 15, 2006

James R. Foley Attorney of Record

BEST AVAILABLE COPY : 3127048023 08-15-06 12:04 TREXLER, ETAL. Fax sent by Pg: 3/10 RECEIVED **CENTRAL FAX CENTER** Case No.03-0509 FORM PTO-1083 AUG 1 5 2006 Valeriy Sukharev et al. In re application of: CERTIFICATION OF FACSIMILE TRANSMISSION 10/615,042 Serial No.: I hereby certify that this paper is being facelmile transmitted to the Patent and Trademark Office to fex number (571) 273-8300 on August 15, 2008. July 8, 2003 Filed: 2815 Art Unit: COPPER-LOW-K DUAL DAMASCENE For: INTERCONNECT WITH IMPROVED RELIABILITY MAIL STOP: RESPONSE COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Transmitted herewith is a Response to the Office Action mailed June 16, 2006. The filing fee has been calculated as shown below: LARGE ENTITY SMALL ENTITY (Col. 3)(Col. 1) (CoL 2) Claims Remaining Highest No. Addit Addit After Previously Present Rate Fee <u>OR</u> Rate Fee Amendment Paid for fixtra x9 = \$.00 \$.00 x 18 =TOTAL MINUS ** 20 0 7 \$.00 x 84 -5.00 ٥ x42 =3 **MINUS** INDEP + 130 = \$.00 + 260 = \$.00 ☐ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM TOTAL TOTAL \$.00 OR ADDIT. FEE \$.00 If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.

Any patent application processing fees under 37 CFR 1.17

Dated: August 15, 2006 James R. Foley

James R. Foley Reg. No. 39,979
Attorney of Record

TREXLER, BUSHNELL, GLANGIORGI & BLACKSTONE, LTD. • 105 W. ADAMS ST. • CHICAGO, HLINOIS 60603 (672) (107) PAGE 3/10 * RCVD AT 8/15/2006 1:04:20 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-2/9 * DNIS:2738300 * CSID:3127048023 * DURATION (mm-ss):03-08

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:	10/615,042	
Filed:	July 8, 2003)	CERTIFICATION OF FACSIMILE TRANSMISSION I hereby certify that this paper is being facsimile transmitted to the
Art Unit:	2815	Patent and Trademark Office to fax number (571) 273-8300 on August 15, 2008.
Examiner:	Jesse A. Fenty)	Jämes R. Foley, Reg. No. 89,979
For:	COPPER-LOW-K DUAL)	
	DAMASCENE)	
	INTERCONNECT WITH)	
	IMPROVED RELIABILITY)	
Inventors:	Valeriy Sukharev et al.)	
Attorney Ref	: 03-0509)	

RESPONSE TO OFFICE ACTION MAILED JUNE 16, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir.

In the matter of the above-identified application and in response to the Office Action mailed June 16, 2006, kindly enter the following amendments and consider the following remarks toward reconsideration of the present application.